

# [KD Validated] UHRF1 Rabbit pAb

Catalog No.: A25717

## Basic Information

### Observed MW

96kDa

### Calculated MW

90kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human

## Background

This gene encodes a member of a subfamily of RING-finger type E3 ubiquitin ligases. The protein binds to specific DNA sequences, and recruits a histone deacetylase to regulate gene expression. Its expression peaks at late G1 phase and continues during G2 and M phases of the cell cycle. It plays a major role in the G1/S transition by regulating topoisomerase IIalpha and retinoblastoma gene expression, and functions in the p53-dependent DNA damage checkpoint. It is regarded as a hub protein for the integration of epigenetic information. This gene is up-regulated in various cancers, and it is therefore considered to be a therapeutic target. Multiple transcript variants encoding different isoforms have been found for this gene. A related pseudogene exists on chromosome 12.

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

29128

### Swiss Prot

Q96T88

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 672-793 of human UHRF1 (NP\_037414.3).

### Synonyms

Np95; hNP95; ICBP90; RNF106; TDRD22; hUHRF1; huNp95

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

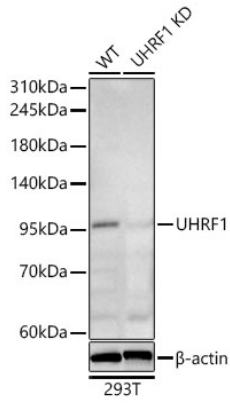
Affinity purification

### Storage

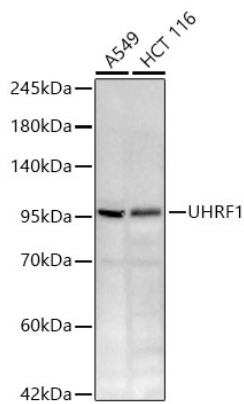
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of lysates from wild type (WT) and UHRF1 knockdown (KD) 293T cells using [KD Validated] UHRF1 Rabbit pAb (A25717) at 1:1000 dilution incubated overnight at 4°C.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020)  
Exposure time: 180 s.



Western blot analysis of various lysates using [KD Validated] UHRF1 Rabbit pAb (A25717) at 1:1000 dilution incubated overnight at 4°C.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020)  
Exposure time: 180 s.